

1/2ukton

CRF Errors Corrected by the STIC Systems Branch

1653

Serial Number

09/367,714A

CRF Processing Date: 9/26/2000
Edited by: la
Verified by: la (STIC staff)

ENTERED

- ☐ Changed a file from non-ASCII to ASCII
- ☐ Changed the margins in cases where the sequence text was "wrapped" down to the next line.
- ☐ Edited a format error in the Current Application Data section, specifically: _____
- ☐ Edited the Current Application Data section with the actual current number. The number inputted by the applicant was ☐ the prior application data; or ☐ other _____
- ☐ Added the mandatory heading and subheadings for "Current Application Data".
- ☐ Edited the "Number of Sequences" field. The applicant spelled out a number instead of using an integer.
- ☐ Changed the spelling of a mandatory field (the headings or subheadings), specifically: _____
- ☐ Corrected the SEQ ID NO when obviously incorrect. The sequence numbers that were edited were: _____
- ☐ Inserted or corrected a nucleic number at the end of a nucleic line. SEQ ID NO's edited: _____
- ☐ Corrected subheading placement. All responses must be on the same line as each subheading. If the applicant placed a response below the subheading, this was moved to its appropriate place.
- ☐ Inserted colons after headings/subheadings. Headings edited included: _____
- ☐ Deleted extra, invalid, headings used by an applicant, specifically: _____
- ☐ Deleted: ☐ non-ASCII "garbage" at the beginning/end of files; ☐ secretary initials/filename at end of file; ☐ page numbers throughout text; ☐ other invalid text, such as _____
- ☐ Inserted mandatory headings, specifically: _____
- ☐ Corrected an obvious error in the response, specifically: _____
- ☐ Edited identifiers where upper case is used but lower case is required, or vice versa.
- ☐ Corrected an error in the Number of Sequences field, specifically: _____
- ☐ A "Hard Page Break" code was inserted by the applicant. All occurrences had to be deleted.
- ☐ Deleted **ending** stop codon in amino acid sequences and adjusted the "(A)Length:" field accordingly (error due to a PatentIn bug). Sequences corrected: _____
- ☒ Other: insert opening parenthesis in vii) section

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*Examiner: The above corrections must be communicated to the applicant in the first Office Action. DO NOT send a copy of this form.

3/1/95

RAW SEQUENCE LISTING
PATENT APPLICATION US/09/367,714ADATE: 09/29/2000
TIME: 23:05:25

INPUT SET: S35932.raw

This Raw Listing contains the General
Information Section and up to the first 5 pages.

SEQUENCE LISTING

(1) General Information:

(i) APPLICANT: SHAI, Yechiel
OREN, Ziv(ii) TITLE OF INVENTION: ANTIPATHOGENIC SYNTHETIC PEPTIDES
AND COMPOSITIONS COMPRISING THEM

(iii) NUMBER OF SEQUENCES: 99

(iv) CORRESPONDENCE ADDRESS:

(A) ADDRESSEE: BROWDY AND NEIMARK, P.L.L.C.
(B) STREET: 624 Ninth Street, N.W., Suite 300
(C) CITY: Washington
(D) STATE: D.C.
(E) COUNTRY: USA
(F) ZIP: 20001

(v) COMPUTER READABLE FORM:

(A) MEDIUM TYPE: Floppy disk
(B) COMPUTER: IBM PC compatible
(C) OPERATING SYSTEM: PC-DOS/MS-DOS
(D) SOFTWARE: PatentIn Release #1.0, Version #1.30

(vi) CURRENT APPLICATION DATA:

(A) APPLICATION NUMBER: 09/367,714
(B) FILING DATE: 14-JAN-2000

(vii) PRIOR APPLICATION DATA:

(A) APPLICATION NUMBER: PCT/IL97/00066
(B) FILING DATE: 20-FEB-1997

(vii) PRIOR APPLICATION DATA:

(A) APPLICATION NUMBER: PCT/IL98/00081
(B) FILING DATE: 19-FEB-1998

(2) INFORMATION FOR SEQ ID NO: 1:

(i) SEQUENCE CHARACTERISTICS:

(A) LENGTH: 33 amino acids
(B) TYPE: amino acid
(C) STRANDEDNESS: single
(D) TOPOLOGY: linear

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RAW SEQUENCE LISTING
PATENT APPLICATION US/09/367,714ADATE: 09/29/2000
TIME: 23:05:25

INPUT SET: S35932.raw

47 (ii) MOLECULE TYPE: peptide
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50 (vii) IMMEDIATE SOURCE:
51 (B) CLONE: peptide 1
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53 (ix) FEATURE:
54 (A) NAME/KEY: Modified-site
55 (B) LOCATION:group(7, 18, 19)
56 (D) OTHER INFORMATION:/product= "D-amino acid residues"
57
58 (ix) FEATURE:
59 (A) NAME/KEY: Modified-site
60 (B) LOCATION:33
61 (D) OTHER INFORMATION:/product= "OTHER"
62 /note= "two aminoethylamino groups are attached at the C-terminus"
63
64
65 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 1:
66
67 Gly Phe Phe Ala Leu Ile Pro Lys Ile Ile Ser Ser Pro Leu Phe Lys
68 1 5 10 15
69
70 Thr Leu Leu Ser Ala Val Gly Ser Ala Leu Ser Ser Ser Gly Gly Gln
71 20 25 30
72
73 Glu
74
75
76 (2) INFORMATION FOR SEQ ID NO: 2:
77
78 (i) SEQUENCE CHARACTERISTICS:
79 (A) LENGTH: 22 amino acids
80 (B) TYPE: amino acid
81 (C) STRANDEDNESS: single
82 (D) TOPOLOGY: linear
83
84 (ii) MOLECULE TYPE: peptide
85
86
87 (vii) IMMEDIATE SOURCE:
88 (B) CLONE: peptide 2
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90 (ix) FEATURE:
91 (A) NAME/KEY: Modified-site
92 (B) LOCATION:group(7, 18, 19)
93 (D) OTHER INFORMATION:/product= "D-amino acid residues"
94
95 (ix) FEATURE:
96 (A) NAME/KEY: Modified-site
97 (B) LOCATION:22
98 (D) OTHER INFORMATION:/product= "OTHER"
99 /note= "an aminoethylamino group is attached at the C-terminus"

RAW SEQUENCE LISTING
PATENT APPLICATION US/09/367,714ADATE: 09/29/2000
TIME: 23:05:26

INPUT SET: S35932.raw

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104 Gly Phe Phe Ala Leu Ile Pro Lys Ile Ile Ser Ser Pro Leu Phe Lys
105 1 5 10 15
106
107 Thr Leu Leu Ser Ala Val
108 20
109
110 (2) INFORMATION FOR SEQ ID NO: 3:
111
112 (i) SEQUENCE CHARACTERISTICS:
113 (A) LENGTH: 22 amino acids
114 (B) TYPE: amino acid
115 (C) STRANDEDNESS: single
116 (D) TOPOLOGY: linear
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118 (ii) MOLECULE TYPE: peptide
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121 (vii) IMMEDIATE SOURCE:
122 (B) CLONE: peptide 3
123
124 (ix) FEATURE:
125 (A) NAME/KEY: Modified-site
126 (B) LOCATION: group(7, 18, 19)
127 (D) OTHER INFORMATION: /product= "D-amino acid residues"
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130 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 3:
131
132 Gly Phe Phe Ala Leu Ile Pro Lys Ile Ile Ser Ser Pro Leu Phe Lys
133 1 5 10 15
134
135 Thr Leu Leu Ser Ala Val
136 20
137
138 (2) INFORMATION FOR SEQ ID NO: 4:
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140 (i) SEQUENCE CHARACTERISTICS:
141 (A) LENGTH: 23 amino acids
142 (B) TYPE: amino acid
143 (C) STRANDEDNESS: single
144 (D) TOPOLOGY: linear
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146 (ii) MOLECULE TYPE: peptide
147
148
149 (vii) IMMEDIATE SOURCE:
150 (B) CLONE: peptide 4
151
152 (ix) FEATURE:

RAW SEQUENCE LISTING
PATENT APPLICATION US/09/367,714ADATE: 09/29/2000
TIME: 23:05:26

INPUT SET: S35932.raw

153 (A) NAME/KEY: Modified-site
154 (B) LOCATION:group(8, 19, 20)
155 (D) OTHER INFORMATION:/product= "D-amino acid residues"
156
157 (ix) FEATURE:
158 (A) NAME/KEY: Modified-site
159 (B) LOCATION:23
160 (D) OTHER INFORMATION:/product= "OTHER"
161 /note= "an aminoethylamino group is attached at the C-terminus"
162
163
164 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 4:
165
166 Lys Gly Phe Phe Ala Leu Ile Pro Lys Ile Ile Ser Ser Pro Leu Phe
167 1 5 10 15
168
169 Lys Thr Leu Leu Ser Ala Val
170 20
171
172 (2) INFORMATION FOR SEQ ID NO: 5:
173
174 (i) SEQUENCE CHARACTERISTICS:
175 (A) LENGTH: 24 amino acids
176 (B) TYPE: amino acid
177 (C) STRANDEDNESS: single
178 (D) TOPOLOGY: linear
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180 (ii) MOLECULE TYPE: peptide
181
182
183 (vii) IMMEDIATE SOURCE:
184 (B) CLONE: peptide 5
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186 (ix) FEATURE:
187 (A) NAME/KEY: Modified-site
188 (B) LOCATION:group(9, 20, 21)
189 (D) OTHER INFORMATION:/product= "D-amino acid residues".
190
191 (ix) FEATURE:
192 (A) NAME/KEY: Modified-site
193 (B) LOCATION:24
194 (D) OTHER INFORMATION:/product= "OTHER"
195 /note= "an aminoethylamino group is attached at the C-terminus"
196
197
198 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 5:
199
200 Lys Lys Gly Phe Phe Ala Leu Ile Pro Lys Ile Ile Ser Ser Pro Leu
201 1 5 10 15
202
203 Phe Lys Thr Leu Leu Ser Ala Val
204 20
205

RAW SEQUENCE LISTING
PATENT APPLICATION US/09/367,714ADATE: 09/29/2000
TIME: 23:05:26

INPUT SET: S35932.raw

206 (2) INFORMATION FOR SEQ ID NO: 6:

207

208 (i) SEQUENCE CHARACTERISTICS:

209 (A) LENGTH: 24 amino acids

210 (B) TYPE: amino acid

211 (C) STRANDEDNESS: single

212 (D) TOPOLOGY: linear

213

214 (ii) MOLECULE TYPE: peptide

215

216

217 (vii) IMMEDIATE SOURCE:

218 (B) CLONE: peptide 6

219

220 (ix) FEATURE:

221 (A) NAME/KEY: Modified-site

222 (B) LOCATION: group(9, 20, 21)

223 (D) OTHER INFORMATION: /product= "D-amino acid residues"

224

225

226 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 6:

227

228 Lys Lys Gly Phe Phe Ala Leu Ile Pro Lys Ile Ile Ser Ser Pro Leu

229 1 5 10 15

230

231 Phe Lys Thr Leu Leu Ser Ala Val

232 20

233

234 (2) INFORMATION FOR SEQ ID NO: 7:

235

236 (i) SEQUENCE CHARACTERISTICS:

237 (A) LENGTH: 11 amino acids

238 (B) TYPE: amino acid

239 (C) STRANDEDNESS: single

240 (D) TOPOLOGY: linear

241

242 (ii) MOLECULE TYPE: peptide

243

244

245 (vii) IMMEDIATE SOURCE:

246 (B) CLONE: peptide 7

247

248 (ix) FEATURE:

249 (A) NAME/KEY: Modified-site

250 (B) LOCATION: 7

251 (D) OTHER INFORMATION: /product= "D-AMINO ACID RESIDUE"

252

253 (ix) FEATURE:

254 (A) NAME/KEY: Modified-site

255 (B) LOCATION: 11

256 (D) OTHER INFORMATION: /product= "OTHER"

257 /note= "AN AMINOETHYLAMINO GROUP IS ATTACHED AT THE C-TERMINUS"

258

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PAGE: 1

SEQUENCE VERIFICATION REPORT
PATENT APPLICATION US/09/367,714A

DATE: 09/29/2000
TIME: 23:05:27

INPUT SET: S35932.raw

Line

Error

Original Text

PAGE: 1

RAW SEQUENCE LISTING
PATENT APPLICATION US/09/367,714ADATE: 09/27/2000
TIME: 04:22:10

INPUT SET: S35932.raw

This Raw Listing contains the General
Information Section and up to the first 5 pages.

Does Not Comply
Corrected Diskette Needed

SEQUENCE LISTING

1
2
3 (1) General Information:
4
5 (i) APPLICANT: SHAI, Yechiel
6 OREN, Ziv
7
8 (ii) TITLE OF INVENTION: ANTIPATHOGENIC SYNTHETIC PEPTIDES AND COMPOSITIONS COM
9
10 (iii) NUMBER OF SEQUENCES: 99
11
12 (iv) CORRESPONDENCE ADDRESS:
13 (A) ADDRESSEE: BROWDY AND NEIMARK, P.L.L.C.
14 (B) STREET: 624 Ninth Street, N.W., Suite 300
15 (C) CITY: Washington
16 (D) STATE: D.C.
17 (E) COUNTRY: USA
18 (F) ZIP: 20001
19
20 (v) COMPUTER READABLE FORM:
21 (A) MEDIUM TYPE: Floppy disk
22 (B) COMPUTER: IBM PC compatible
23 (C) OPERATING SYSTEM: PC-DOS/MS-DOS
24 (D) SOFTWARE: PatentIn Release #1.0, Version #1.30
25
26 (vi) CURRENT APPLICATION DATA:
27 (A) APPLICATION NUMBER: 09/367,714
28 (B) FILING DATE: 14-JAN-2000
29
30 (vii) PRIOR APPLICATION DATA:
31 (A) APPLICATION NUMBER: PCT/IL97/00066
32 (B) FILING DATE: 20-FEB-1997
33
34 (vii) PRIOR APPLICATION DATA:
35 (A) APPLICATION NUMBER: PCT/IL98/00081
36 (B) FILING DATE: 19-FEB-1998
37
38 (2) INFORMATION FOR SEQ ID NO: 1:
39
40 (i) SEQUENCE CHARACTERISTICS:
41 (A) LENGTH: 33 amino acids
42 (B) TYPE: amino acid
43 (C) STRANDEDNESS: single
44 (D) TOPOLOGY: linear
45
46 (ii) MOLECULE TYPE: peptide

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RAW SEQUENCE LISTING
PATENT APPLICATION US/09/367,714ADATE: 09/27/2000
TIME: 04:22:11

INPUT SET: S35932.raw

47
48
49 (vii) IMMEDIATE SOURCE:
50 (B) CLONE: peptide 1
51
52 (ix) FEATURE:
53 (A) NAME/KEY: Modified-site
54 (B) LOCATION:group(7, 18, 19)
55 (D) OTHER INFORMATION:/product= "D-amino acid residues"
56
57 (ix) FEATURE:
58 (A) NAME/KEY: Modified-site
59 (B) LOCATION:33
60 (D) OTHER INFORMATION:/product= "OTHER"
61 /note= "two aminoethylamino groups are attached at the C-terminus"
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63
64 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 1:
65
66 Gly Phe Phe Ala Leu Ile Pro Lys Ile Ile Ser Ser Pro Leu Phe Lys
67 1 5 10 15
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69 Thr Leu Leu Ser Ala Val Gly Ser Ala Leu Ser Ser Ser Gly Gly Gln
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72 Glu
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75 (2) INFORMATION FOR SEQ ID NO: 2:
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77 (i) SEQUENCE CHARACTERISTICS:
78 (A) LENGTH: 22 amino acids
79 (B) TYPE: amino acid
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81 (D) TOPOLOGY: linear
82
83 (ii) MOLECULE TYPE: peptide
84
85
86 (vii) IMMEDIATE SOURCE:
87 (B) CLONE: peptide 2
88
89 (ix) FEATURE:
90 (A) NAME/KEY: Modified-site
91 (B) LOCATION:group(7, 18, 19)
92 (D) OTHER INFORMATION:/product= "D-amino acid residues"
93
94 (ix) FEATURE:
95 (A) NAME/KEY: Modified-site
96 (B) LOCATION:22
97 (D) OTHER INFORMATION:/product= "OTHER"
98 /note= "an aminoethylamino group is attached at the C-terminus"
99

RAW SEQUENCE LISTING
PATENT APPLICATION US/09/367,714ADATE: 09/27/2000
TIME: 04:22:11

INPUT SET: S35932.raw

100
101 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 2:
102
103 Gly Phe Phe Ala Leu Ile Pro Lys Ile Ile Ser Ser Pro Leu Phe Lys
104 1 5 10 15
105
106 Thr Leu Leu Ser Ala Val
107 20
108
109 (2) INFORMATION FOR SEQ ID NO: 3:
110
111 (i) SEQUENCE CHARACTERISTICS:
112 (A) LENGTH: 22 amino acids
113 (B) TYPE: amino acid
114 (C) STRANDEDNESS: single
115 (D) TOPOLOGY: linear
116
117 (ii) MOLECULE TYPE: peptide
118
119
120 (vii) IMMEDIATE SOURCE:
121 (B) CLONE: peptide 3
122
123 (ix) FEATURE:
124 (A) NAME/KEY: Modified-site
125 (B) LOCATION: group(7, 18, 19)
126 (D) OTHER INFORMATION: /product= "D-amino acid residues"
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128
129 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 3:
130
131 Gly Phe Phe Ala Leu Ile Pro Lys Ile Ile Ser Ser Pro Leu Phe Lys
132 1 5 10 15
133
134 Thr Leu Leu Ser Ala Val
135 20
136
137 (2) INFORMATION FOR SEQ ID NO: 4:
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139 (i) SEQUENCE CHARACTERISTICS:
140 (A) LENGTH: 23 amino acids
141 (B) TYPE: amino acid
142 (C) STRANDEDNESS: single
143 (D) TOPOLOGY: linear
144
145 (ii) MOLECULE TYPE: peptide
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148 (vii) IMMEDIATE SOURCE:
149 (B) CLONE: peptide 4
150
151 (ix) FEATURE:
152 (A) NAME/KEY: Modified-site

RAW SEQUENCE LISTING
PATENT APPLICATION US/09/367,714ADATE: 09/27/2000
TIME: 04:22:11

INPUT SET: S35932.raw

153 (B) LOCATION:group(8, 19, 20)
154 (D) OTHER INFORMATION:/product= "D-amino acid residues"
155
156 (ix) FEATURE:
157 (A) NAME/KEY: Modified-site
158 (B) LOCATION:23
159 (D) OTHER INFORMATION:/product= "OTHER"
160 /note= "an aminoethylamino group is attached at the C-terminus"
161
162
163 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 4:
164
165 Lys Gly Phe Phe Ala Leu Ile Pro Lys Ile Ile Ser Ser Pro Leu Phe
166 1 5 10 15
167
168 Lys Thr Leu Leu Ser Ala Val
169 20
170
171 (2) INFORMATION FOR SEQ ID NO: 5:
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173 (i) SEQUENCE CHARACTERISTICS:
174 (A) LENGTH: 24 amino acids
175 (B) TYPE: amino acid
176 (C) STRANDEDNESS: single
177 (D) TOPOLOGY: linear
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179 (ii) MOLECULE TYPE: peptide
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182 (vii) IMMEDIATE SOURCE:
183 (B) CLONE: peptide 5
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185 (ix) FEATURE:
186 (A) NAME/KEY: Modified-site
187 (B) LOCATION:group(9, 20, 21)
188 (D) OTHER INFORMATION:/product= "D-amino acid residues"
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190 (ix) FEATURE:
191 (A) NAME/KEY: Modified-site
192 (B) LOCATION:24
193 (D) OTHER INFORMATION:/product= "OTHER"
194 /note= "an aminoethylamino group is attached at the C-terminus"
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196
197 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 5:
198
199 Lys Lys Gly Phe Phe Ala Leu Ile Pro Lys Ile Ile Ser Ser Pro Leu
200 1 5 10 15
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202 Phe Lys Thr Leu Leu Ser Ala Val
203 20
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205 (2) INFORMATION FOR SEQ ID NO: 6:

RAW SEQUENCE LISTING
PATENT APPLICATION US/09/367,714ADATE: 09/27/2000
TIME: 04:22:12

INPUT SET: S35932.raw

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207 (i) SEQUENCE CHARACTERISTICS:
208 (A) LENGTH: 24 amino acids
209 (B) TYPE: amino acid
210 (C) STRANDEDNESS: single
211 (D) TOPOLOGY: linear
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213 (ii) MOLECULE TYPE: peptide
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216 (vii) IMMEDIATE SOURCE:
217 (B) CLONE: peptide 6
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219 (ix) FEATURE:
220 (A) NAME/KEY: Modified-site
221 (B) LOCATION: group(9, 20, 21)
222 (D) OTHER INFORMATION: /product= "D-amino acid residues"
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225 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 6:
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227 Lys Lys Gly Phe Phe Ala Leu Ile Pro Lys Ile Ile Ser Ser Pro Leu
228 1 5 10 15
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230 Phe Lys Thr Leu Leu Ser Ala Val
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233 (2) INFORMATION FOR SEQ ID NO: 7:
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235 (i) SEQUENCE CHARACTERISTICS:
236 (A) LENGTH: 11 amino acids
237 (B) TYPE: amino acid
238 (C) STRANDEDNESS: single
239 (D) TOPOLOGY: linear
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241 (ii) MOLECULE TYPE: peptide
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244 (vii) IMMEDIATE SOURCE:
245 (B) CLONE: peptide 7
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247 (ix) FEATURE:
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249 (B) LOCATION: 7
250 (D) OTHER INFORMATION: /product= "D-AMINO ACID RESIDUE"
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252 (ix) FEATURE:
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255 (D) OTHER INFORMATION: /product= "OTHER"
256 /note= "AN AMINOETHYLAMINO GROUP IS ATTACHED AT THE C-TERMINUS"
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PAGE: 1

SEQUENCE VERIFICATION REPORT
PATENT APPLICATION US/09/367,714A

DATE: 09/27/2000
TIME: 04:22:12

INPUT SET: S35932.raw

Line

Error

Original Text